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Attached please find claims for an After-Allowance Amendment under 37 C.F.R. § 1.312 for U.S.S.N. 09/891,865. Please contact me if you have any questions.

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Fax Transmission (1 page)
Proposed Claims (1 page)

Proposed Claims for After-Allowance Amendment under 37 C.F.R. § 1.312 for U.S.S.N. 09/891,865

2. A method for producing a first protein having uridine phosphorylase activity and a second protein having purine nucleoside phosphorylase activity in the same cell, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 6 or a plasmid expression vector having the sequence as depicted in SEQ ID NO: 15, wherein the protein is produced.

3. The method of claim 2, further comprising the steps of isolating and purifying the proteins from the host bacterial cell.

4. A method for producing a fusion protein having both uridine phosphorylase activity and purine nucleoside phosphorylase activity, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 9, wherein the protein is produced.

5. The method of claim 4, further comprising the steps of isolating and purifying the protein from the host bacterial cell.

6. A method for producing a fusion protein having both uridine phosphorylase activity and purine nucleoside phosphorylase activity, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 10, wherein the protein is produced.

7. The method of claim 6, further comprising the steps of isolating and purifying the fusion protein from the host bacterial cell.